Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 14 May 2023 until 23:59 on Monday 15 May 2023

Forecast Issued on Sunday 14 May 2023 at 04:21

Confidence: High for largely settled conditions through the period. Lower for detail of low cloud and for the timing of rain and showers later Sunday and on Monday.

Headline for Sunday 14 May 2023: Low cloud and early mist and fog clearing to sunny spells. Cloud and rain arriving from the northwest late afternoon.

Mountain weather hazards on Sunday 14 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Light rain	Light rain
Precipitation probability					
10%	<05%	<05%	20%	70%	50%

Forecast for Sunday 14 May 2023

Weather: A mostly dull start with extensive low cloud and patches of mist ad fog. This will clear readily through the morning to leave a fine day of sunny spells. High cloud will build from the west during the afternoon, turning sunshine increasingly hazy, with cloud thickening and lowering late afternoon to bring outbreaks of mainly light rain through the evening.

Chance of cloud-free hill tops above 600m: 10% in the east and 40% in the west initially. Soon improving to above 90%. Lowering from the northwest to 40% late afternoon.

Low cloud and visibility: Extensive low cloud, bases around 200m and down to very low levels on eastern slopes at first. Cloud will lift and clear by mid-morning to above summits. Cloud is expected to lower later in the afternoon as rain arrives, with bases of 400-500m for western Peaks. Visibility poor beneath cloud in early mist and very poor in any fog patches. Otherwise very good visibility for much of the day, but falling to moderate or poor in rain later.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 14 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 SW	11/13 W	12/17 W	13/18 W	15/21 W	13/18 W	12/18 NW
300	3/4 NE	7/9 W	8/12 W	11/16 W	10/16 W	10/15 NW	9/16 NW
Valley	1/7 W	5/7 W	7/12 W	10/17 W	9/18 W	8/15 NW	7/16 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/7	12/9	12/9	9/6	7/4	6/2
300	10/10	12/10	14/13	14/12	11/9	10/7	8/6
Valley	10/10	13/12	16/14	15/14	12/10	10/9	9/7
Freezing Level*	1900m	1900m	1800m	2000m	2100m	1900m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive low cloud will make for challenging navigation during the morning, especially on eastern routes. Becoming unsettled by the evening, with showers and prolonged rain late on. Risk of high UV levels in early afternoon sunshine

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 14 May 2023	0mm	0mm	15.4mm

Forecast for Monday 15 May 2023

Weather: Patchy rain soon clearing to the southeast to leave a fine a bright morning. Fair weather cloud building during the afternoon with well-scattered showers developing. There is a slight chance that some of these may turn heavy or thundery. Showers fading through the evening with variable cloud overnight. Feeling cool in the fresh northerly breeze.

Maximum wind: North to northwest 15-20mph with gusts 25-30mph, easing during the afternoon.

Chance of cloud-free hill tops above 600m: 60%, soon improving to above 90%.

Low cloud and visibility: Chance of cloud bases around 500m as the rain band clears to the southeast of the Peaks during the morning. Developing cloud may briefly shroud the highest slopes late morning before lifting clear of summits. Chance of bases lowering to around 600m in the vicinity of any heavy showers that may develop. Visibility generally very good, but moderate to poor in any showers or heavy showers.

Temperature: **Valleys:** Plus 6 Celsius rising to Plus 14 Celsius
At 600m: Plus 4 Celsius rising to Plus 10 Celsius
Freezing level: Well above summits.

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